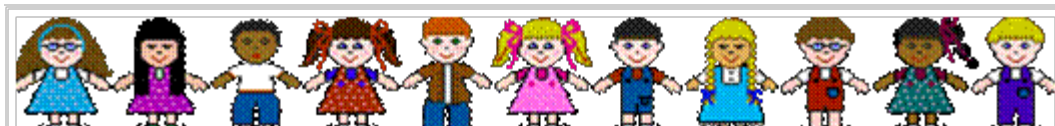


JAPANESE LESSON PLAN TEMPLATE



Excellence Respect Friendship Resilience Cooperation

Grade Level: 4-6

Task Description:

A rug has an area of two square metres.
What might be its dimensions?

Research Theme:

To increase independent thinking in students
in mathematics.

Focus the research:

Goal:

To increase students' abilities to independently solve a
measurement problem which requires the use of
decimals.

Students' Prior Knowledge:

The student in Grades 4-6 have an understanding of
area using cm^2 and m^2 .

They also have an understanding of decimals.

Which aspects of the VELS standard for Level 4

Number and Measurement are addressed by this task?


Materials:


- Seven letters in envelopes
- Large sheets of butcher paper
- Calculators

- .Metre strips/ rulers
- .Textas
- .Glue
- .Scissors


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THE LESSON



Excellence Respect Friendship Resilience Cooperation

Duration: 2 hours

Before the lesson: Have students in groups of 4 or 5. Have these groups listed as the following companies:

Group 1: Carpets R Us

Group 2: Bagdad Carpets

Group 3: Carpets Alive

Group 4: Speedy Carpets

Group 5: K-arpet

Group 6: Carpets on a Shoe String

Group 7: Carpet Works



Introduction:

(Have students sitting on the floor in Company groups.)

- 1. Hand out addressed envelopes to a company rep. who will go back to his/her group and read out letter.**
- 2. On large sheets of butcher's paper, students will start designs.**
- 3. Teacher will emphasise the importance of 'finding the maths.'**
- 4. After 10 minutes, students will be asked to gather together to discuss and show progress so far.**

- 5. As a large group look for **key words** and discuss together.
- 6. Each company will be asked to stand up and share findings.

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THE LESSON CONT..



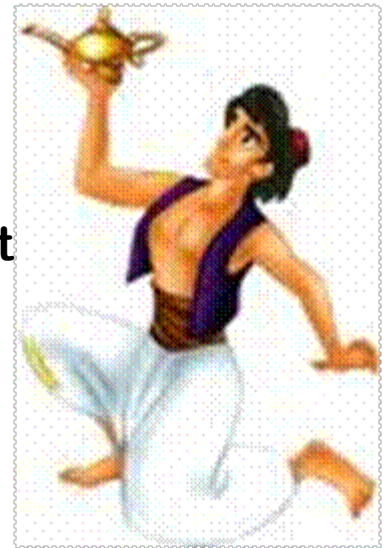
Excellence Respect Friendship Resilience Cooperation

Explore and Evaluate: (30-40 minutes)

1. Companies will now be asked to begin making their designs using the available equipment.
2. Companies will be asked to organise a sales pitch (Why Aladdin should purchase your company's design)

Conclusion (30 minutes) Evaluate

1. Each company will be asked to make t (5 minutes each)



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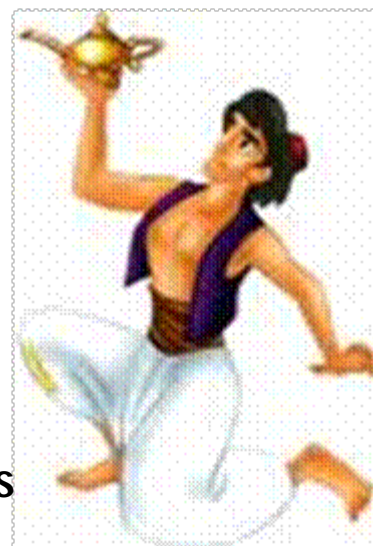
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Aladdin & Co.

May 2009

Dear *Bagdad Carpets*,

I am writing to a number of companies as I am in desperate need of a new and improved magic carpet.



I am very particular about the design and want something unique and fashionable.

The magic carpet must have an area of two square metres.

Your company is requested to provide me with your best idea.

To be awarded this contract you must provide me with the carpet's dimension.

For a design to be considered, an exact replica made from paper needs to be sent to me as soon as possible.

Kind Regards,

Aladdin

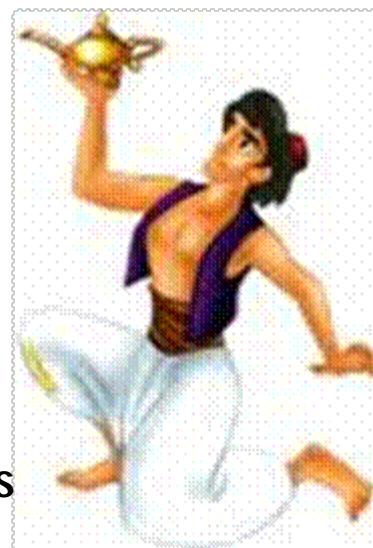
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Aladdin & Co.

May 2009

Dear *Carpets Alive*,

I am writing to a number of companies as I am in desperate need of a new and improved magic carpet.



I am very particular about the design and want something unique and fashionable.

The magic carpet must have an area of two square metres.

Your company is requested to provide me with your best idea.

To be awarded this contract you must provide me with the carpet's dimension.

For a design to be considered, an exact replica made from paper needs to be sent to me as soon as possible.

Kind Regards,

Aladdin

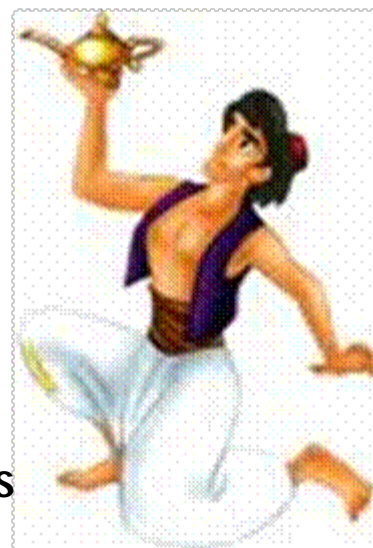
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Aladdin & Co.

May 2009

Dear *Speedy Carpets*,

I am writing to a number of companies as I am in desperate need of a new and improved magic carpet.



I am very particular about the design and want something unique and fashionable.

The magic carpet must have an area of two square metres.

Your company is requested to provide me with your best idea.

To be awarded this contract you must provide me with the carpet's dimension.

For a design to be considered, an exact replica made from paper needs to be sent to me as soon as possible.

Kind Regards,

Aladdin

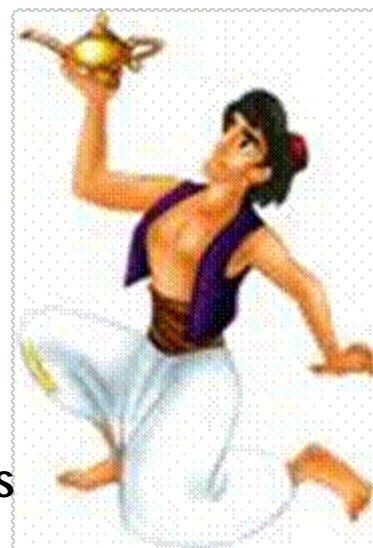
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Aladdin & Co.

May 2009

Dear *Carpet Works*,

I am writing to a number of companies as I am in desperate need of a new and improved magic carpet.



I am very particular about the design and want something unique and fashionable.

The magic carpet must have an area of two square metres.

Your company is requested to provide me with your best idea.

To be awarded this contract you must provide me with the carpet's dimension.

For a design to be considered, an exact replica made from paper needs to be sent to me as soon as possible.

Kind Regards,

Aladdin

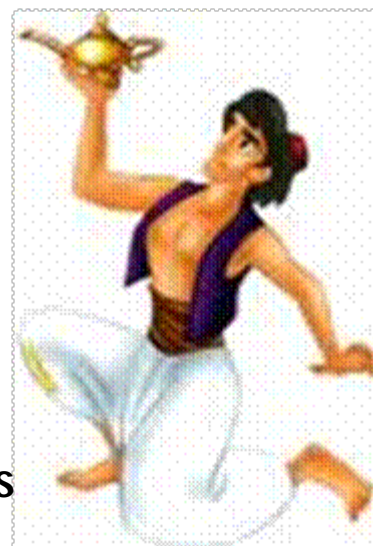
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Aladdin & Co.

May 2009

Dear K-arpet,

I am writing to a number of companies as I am in desperate need of a new and improved magic carpet.



I am very particular about the design and want something unique and fashionable.

The magic carpet must have an area of two square metres.

Your company is requested to provide me with your best idea.

To be awarded this contract you must provide me with the carpet's dimension.

For a design to be considered, an exact replica made from paper needs to be sent to me as soon as possible.

Kind Regards,

Aladdin

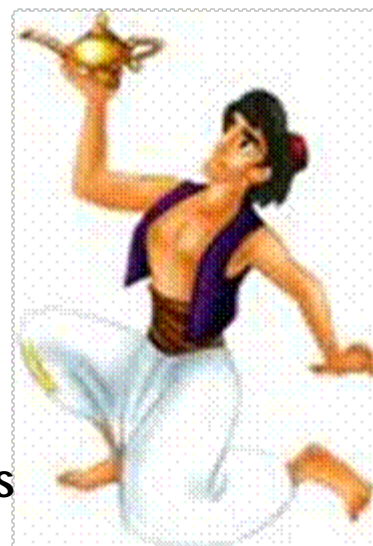
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Aladdin & Co.

May 2009

Dear *Carpets On A Shoe String*,

I am writing to a number of companies as I am in desperate need of a new and improved magic carpet.



I am very particular about the design and want something unique and fashionable.

The magic carpet must have an area of two square metres.

Your company is requested to provide me with your best idea.

To be awarded this contract you must provide me with the carpet's dimension.

For a design to be considered, an exact replica made from paper needs to be sent to me as soon as possible.

Kind Regards,

Aladdin

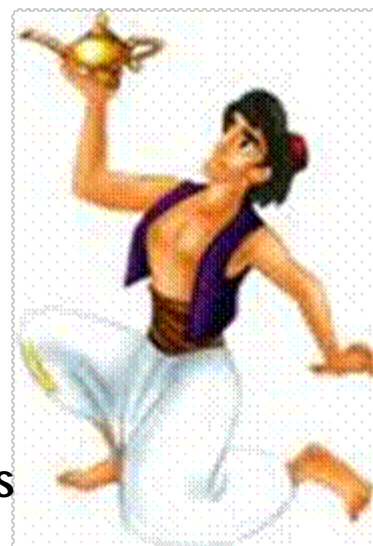
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Aladdin & Co.

May 2009

Dear *Carpets R Us*,

I am writing to a number of companies as I am in desperate need of a new and improved magic carpet.



I am very particular about the design and want something unique and fashionable.

The magic carpet must have an area of two square metres.

Your company is requested to provide me with your best idea.

To be awarded this contract you must provide me with the carpet's dimension.

For a design to be considered, an exact replica made from paper needs to be sent to me as soon as possible.

Kind Regards,

Aladdin

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